

FIG. 1 Growth curve of mutant strain

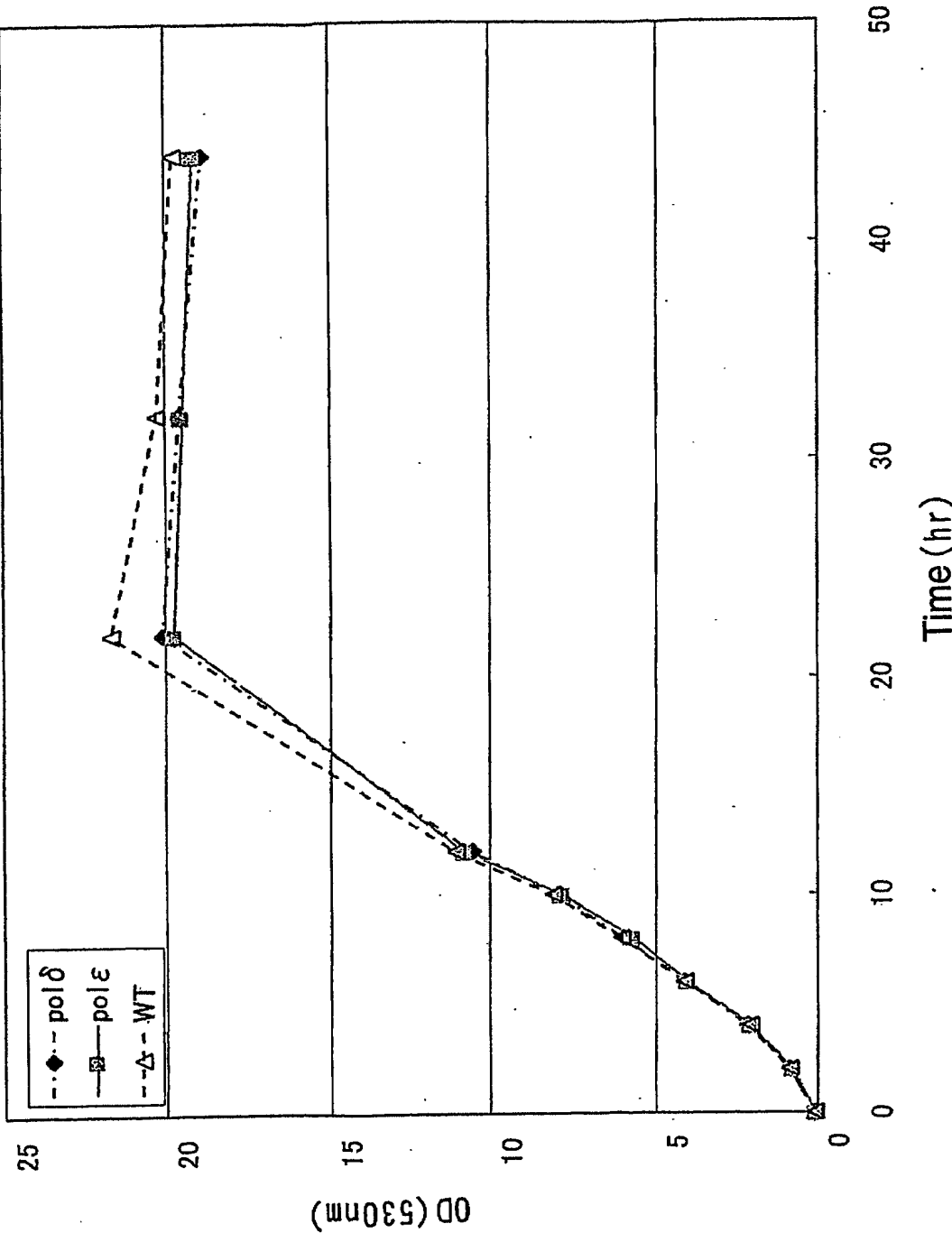
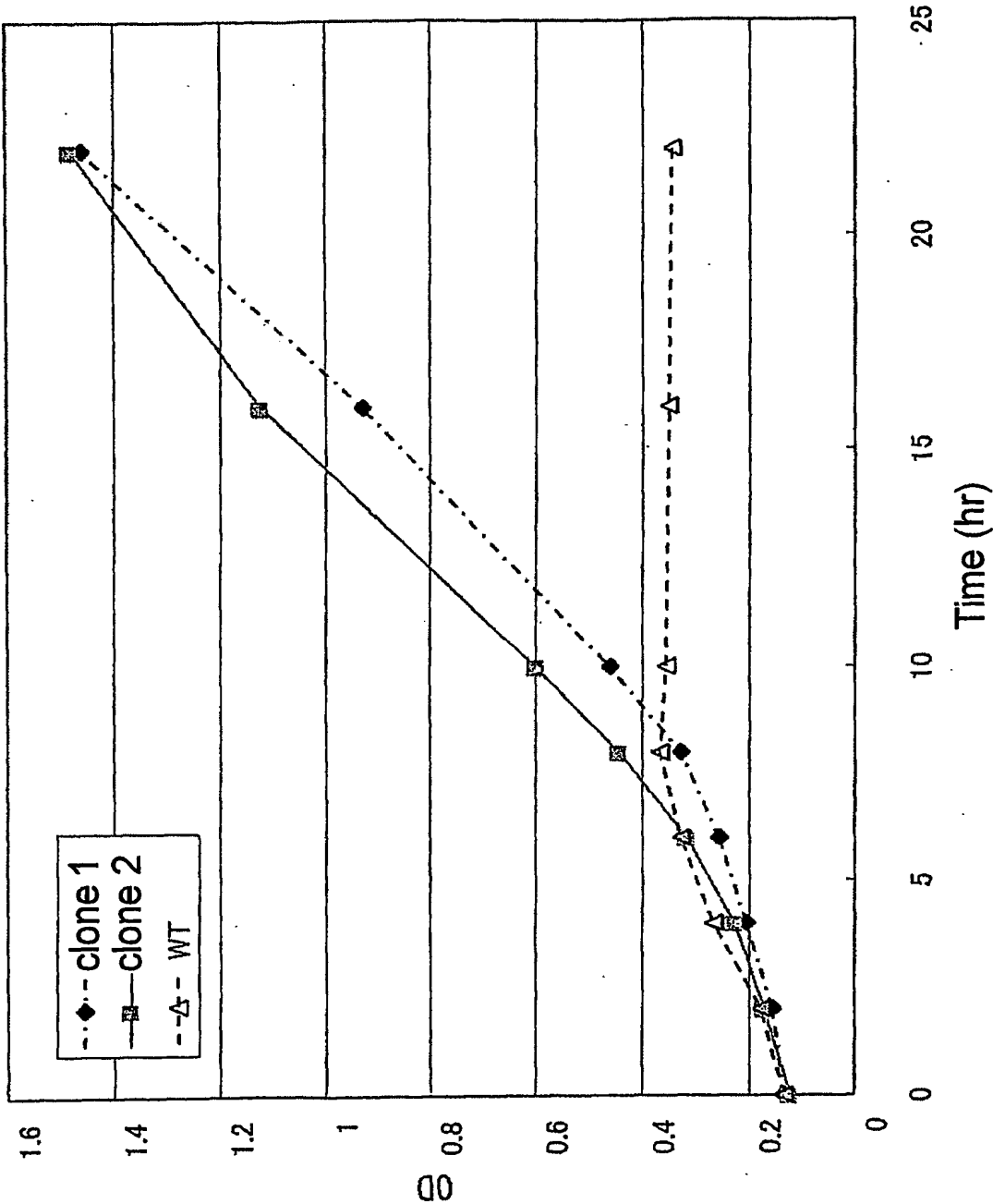


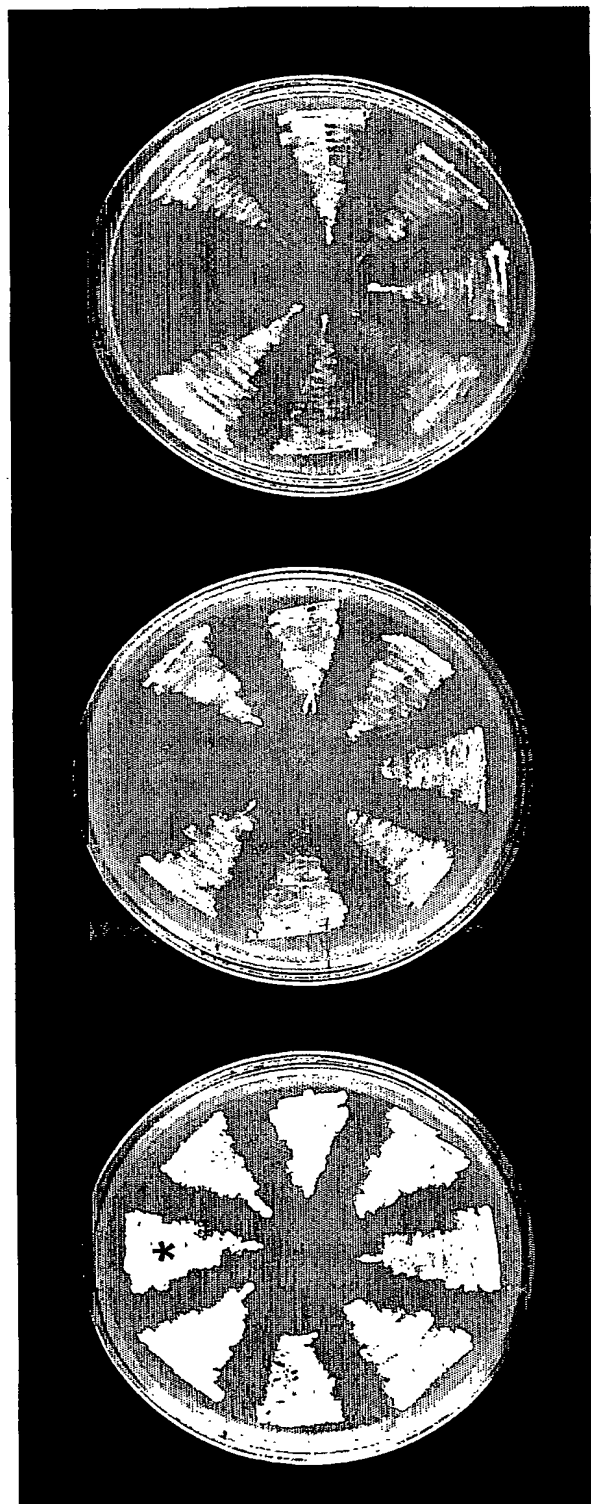
FIG.2 Fig.2 Growth curve of high temperature resistant strain



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FIG.3A

Isolation of high temperature resistant strain (1)



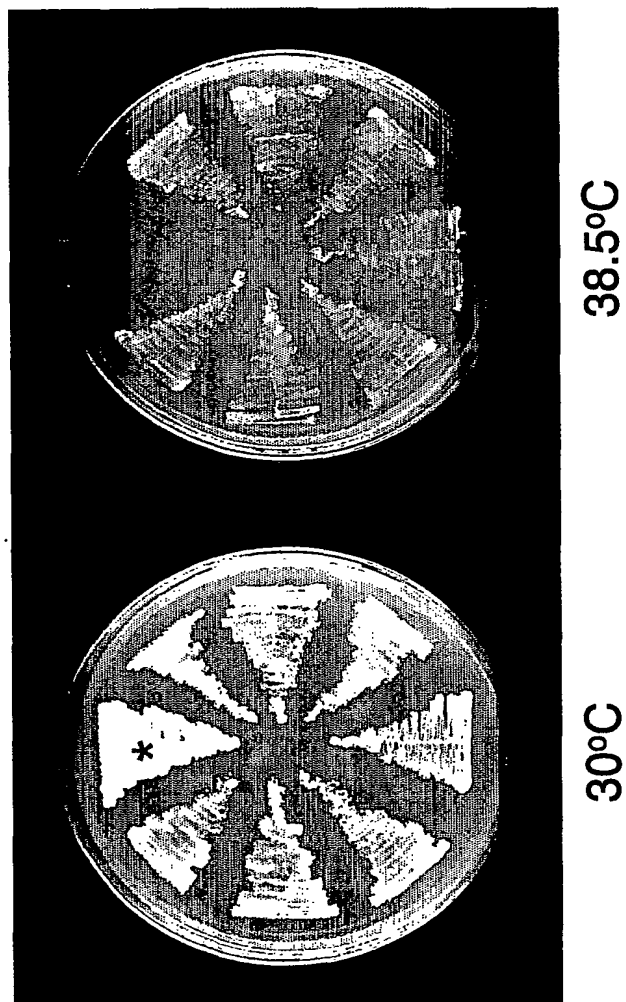
39°C

38.5°C

30°C

FIG.3B

Isolation of high temperature resistant strain (2)



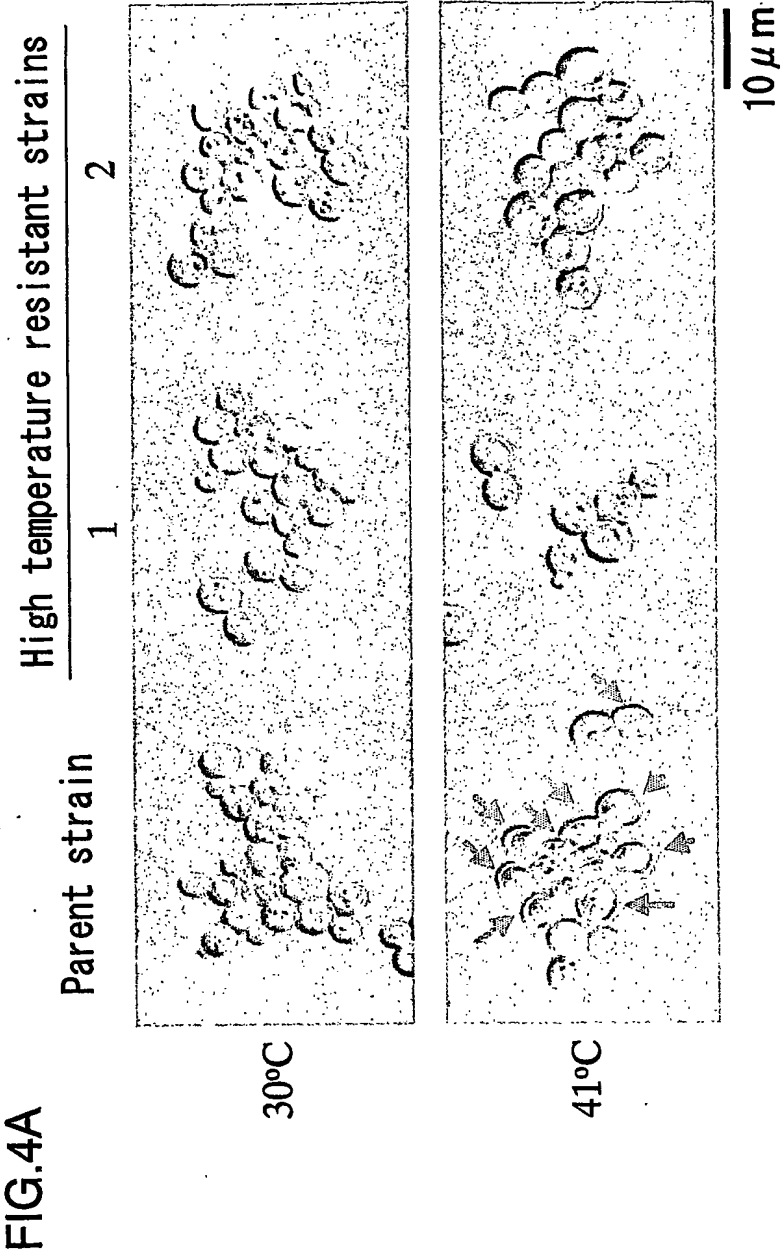


FIG.4B

Growth of high temperature resistant strain (41°C)

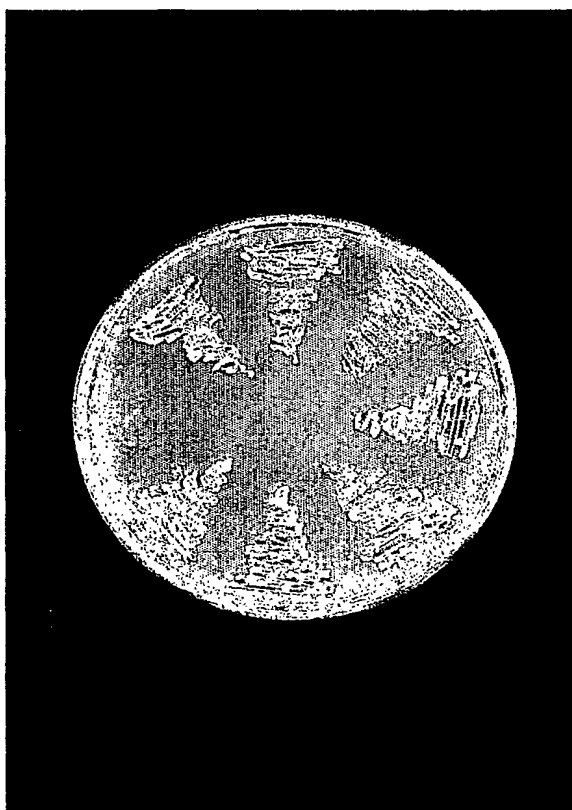


FIG.5

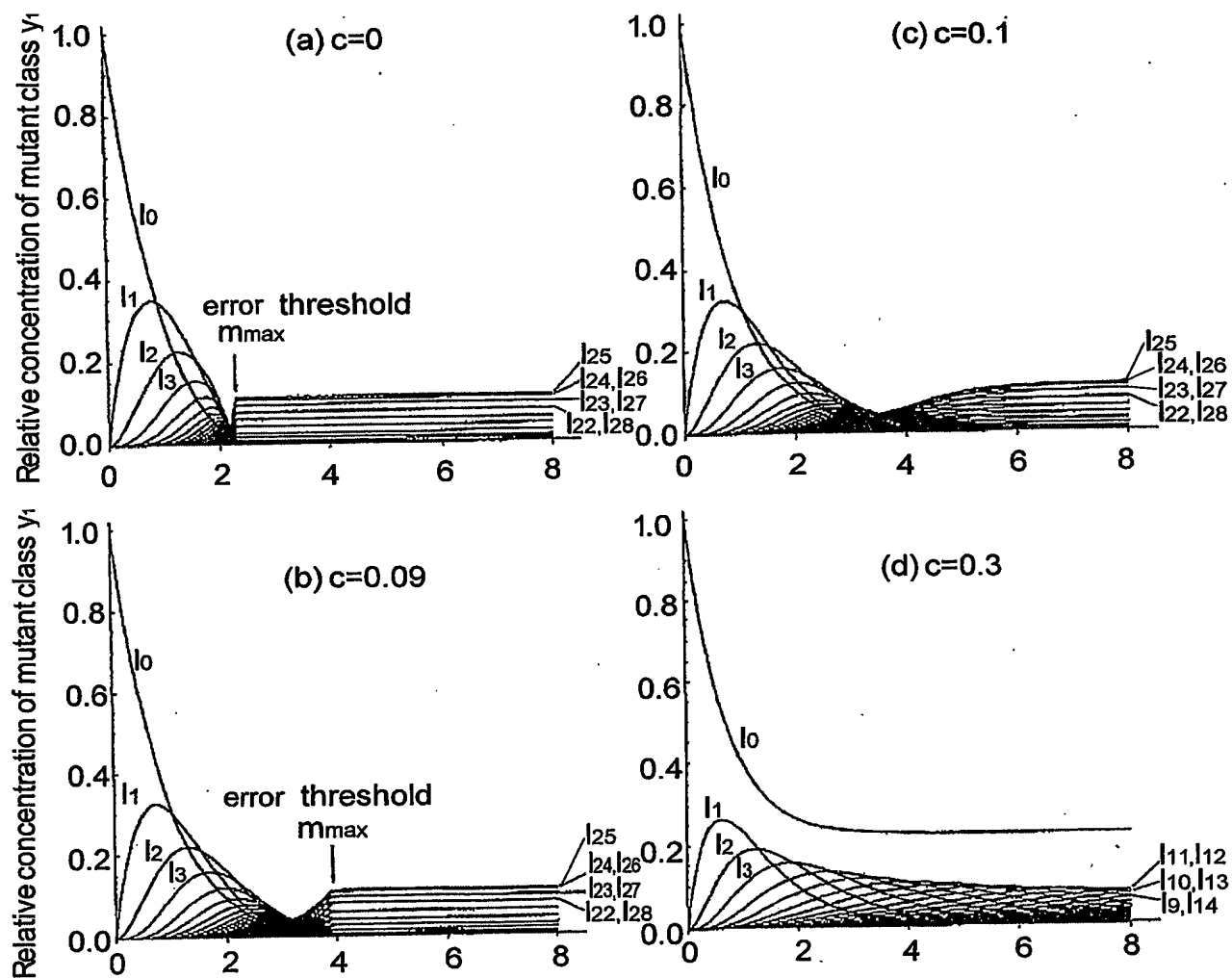


FIG.6

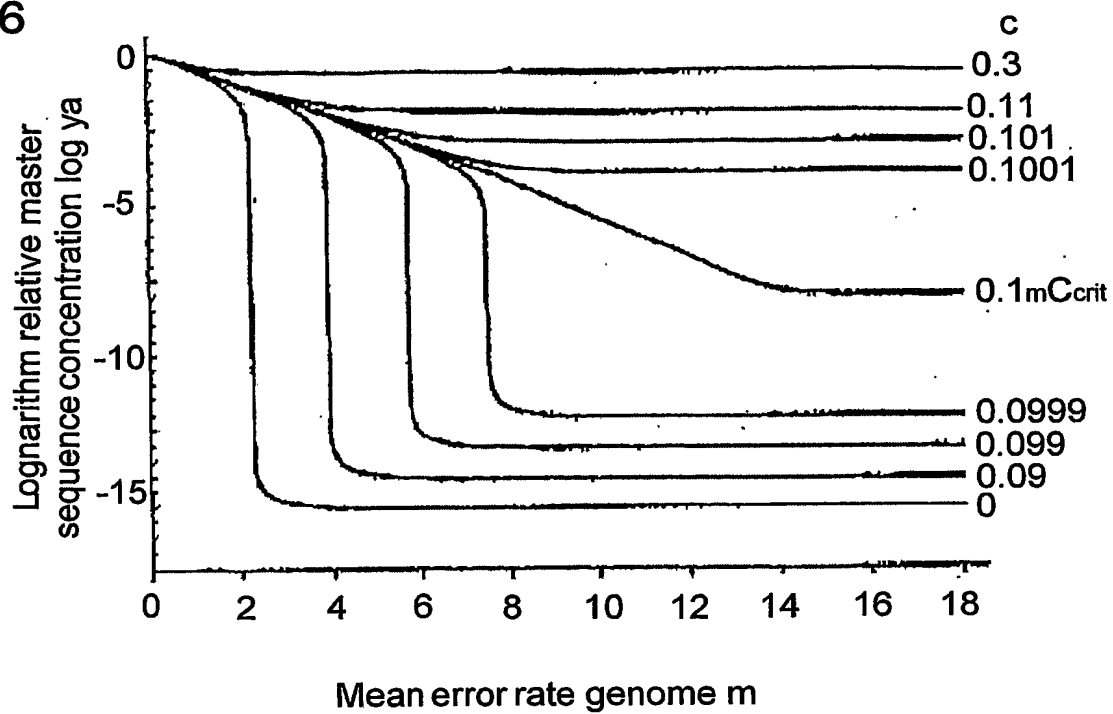
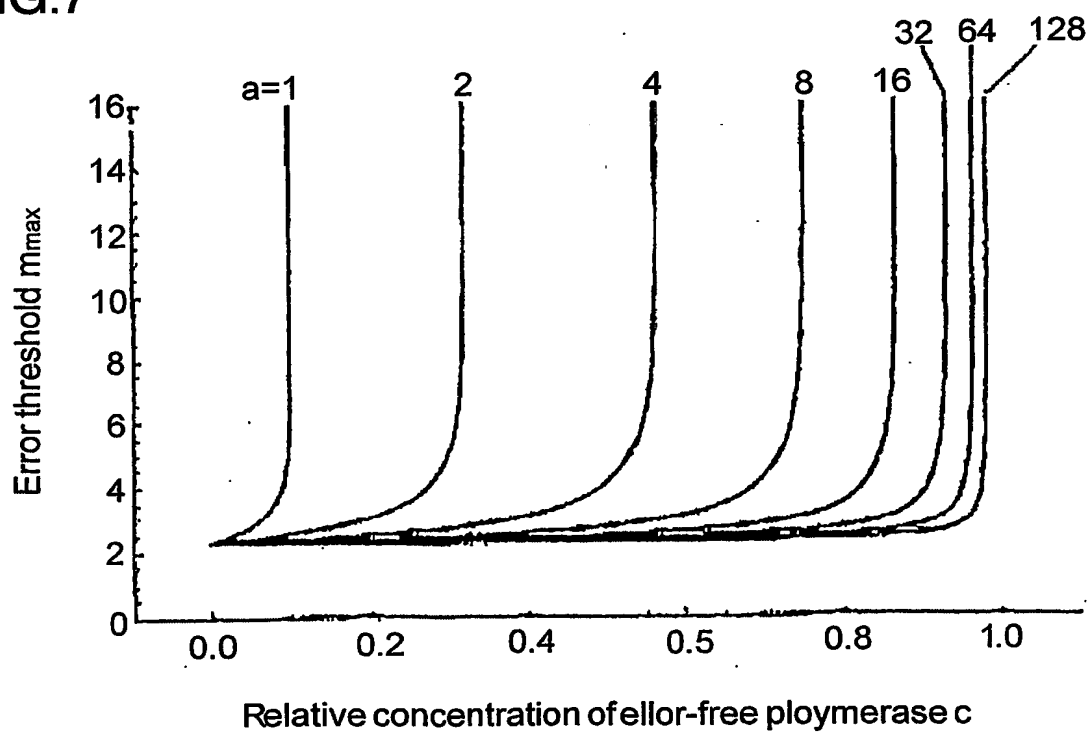


FIG.7



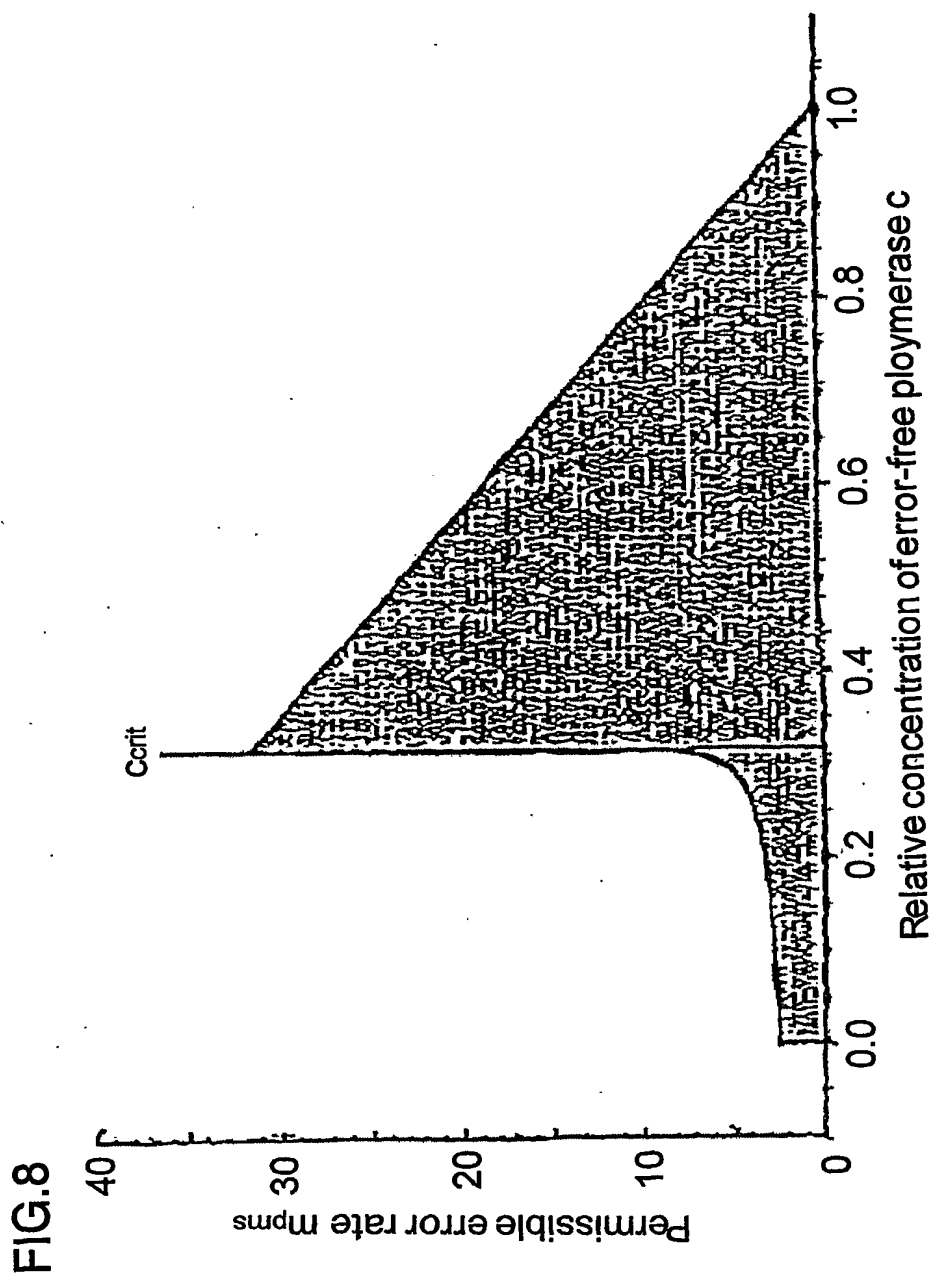
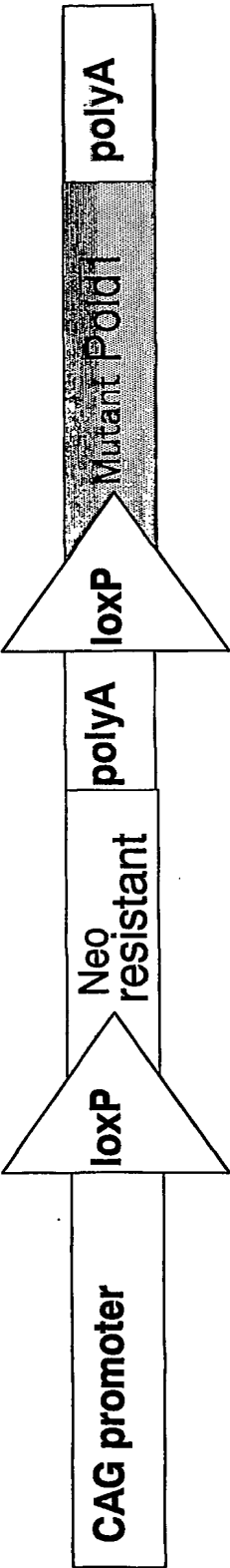


Fig.9

Transgenic mouse #1



Transgenic mouse #2



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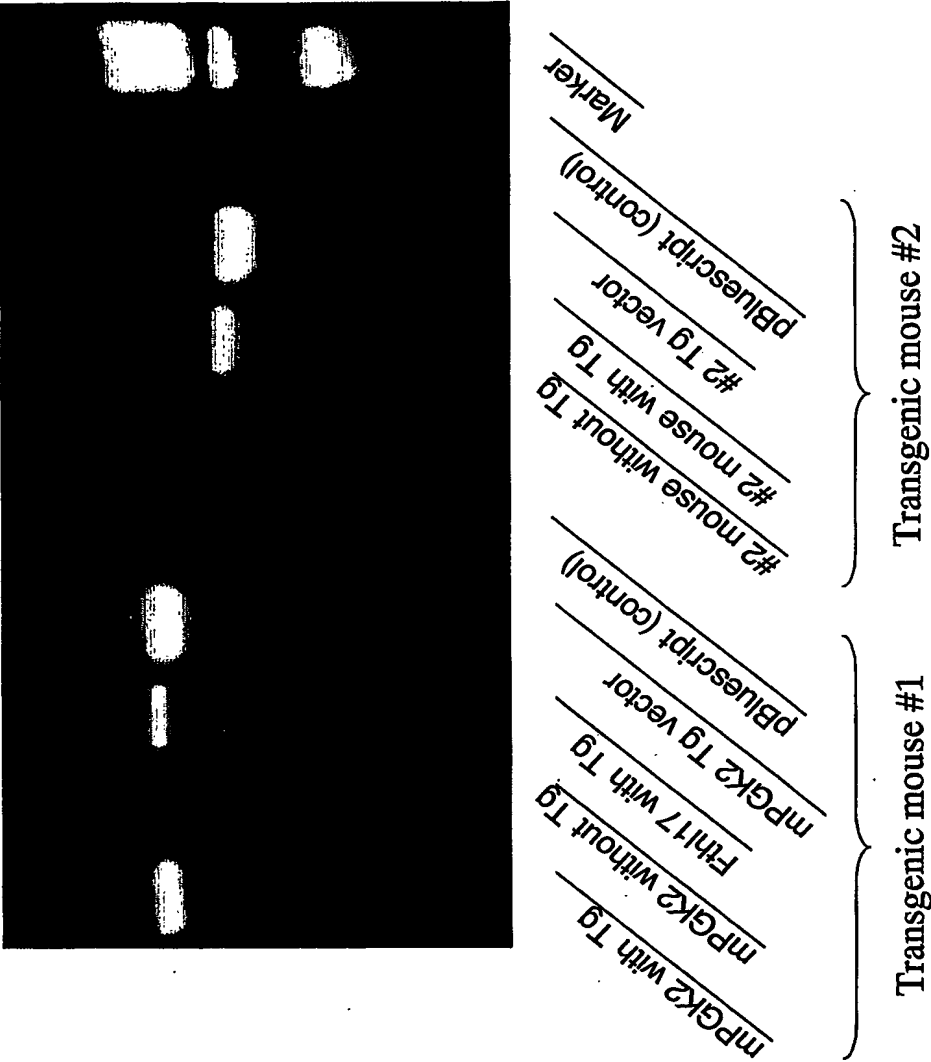
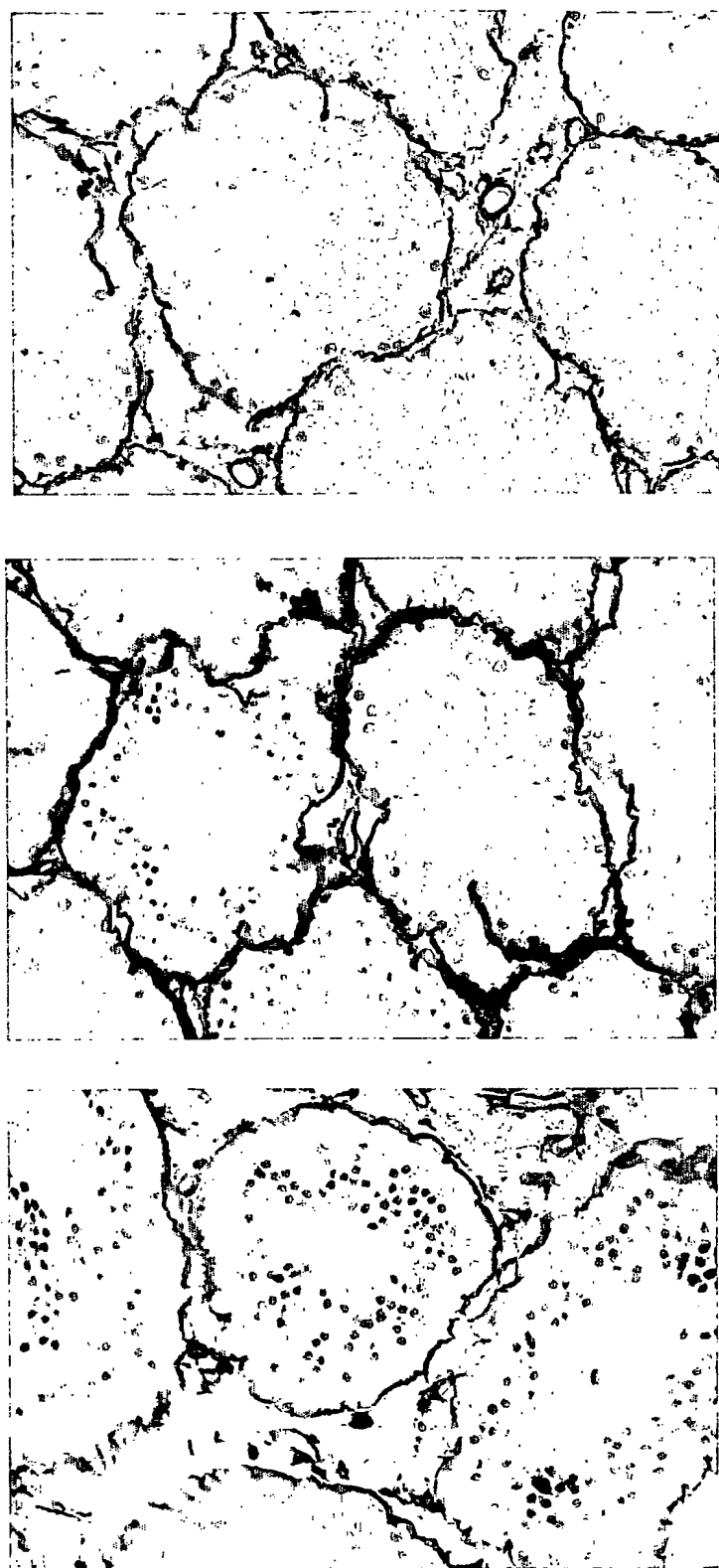


Fig.10

Fig.11



(a) mPGK2

(b) Fth117

(c) control

50µm

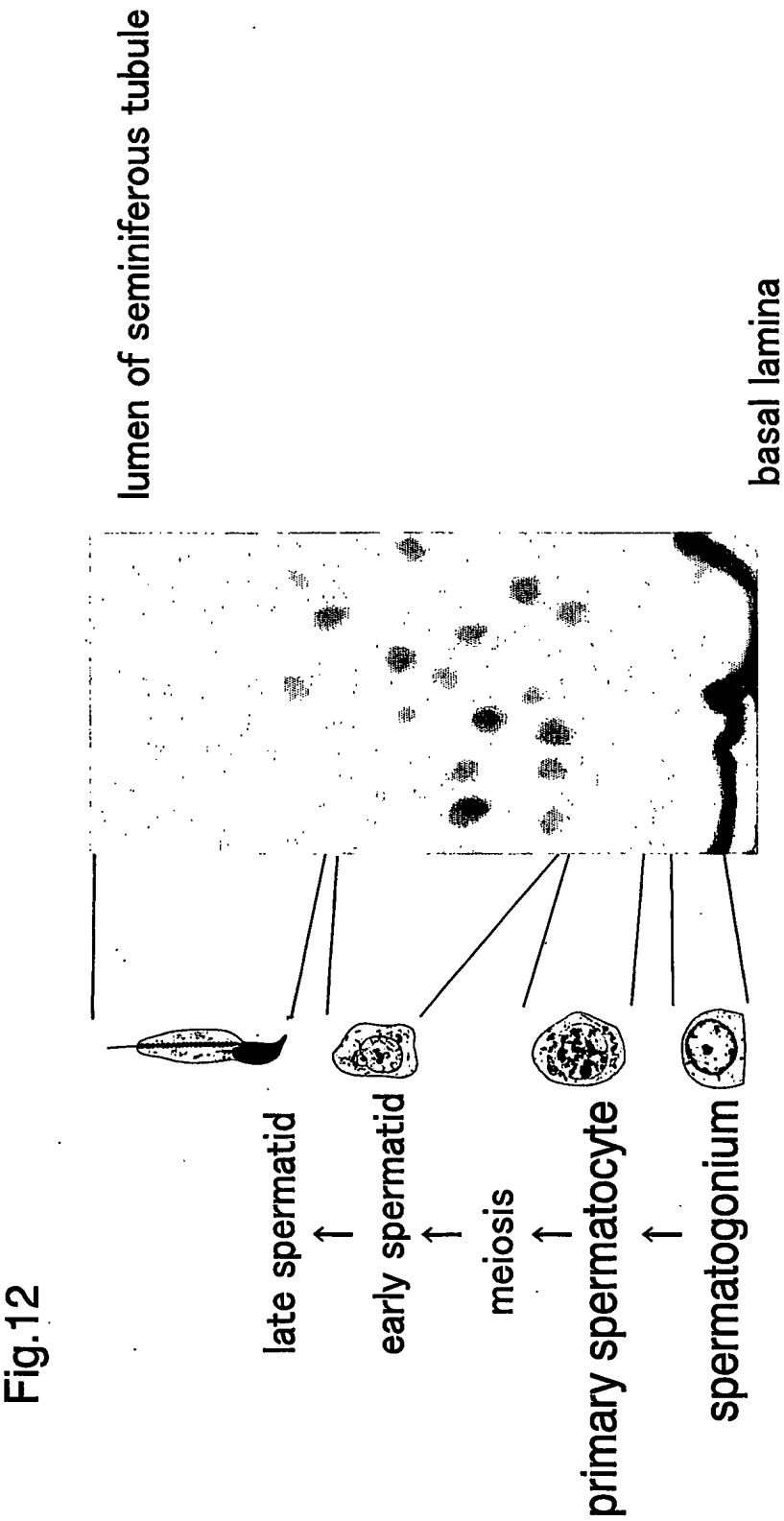


Fig.12

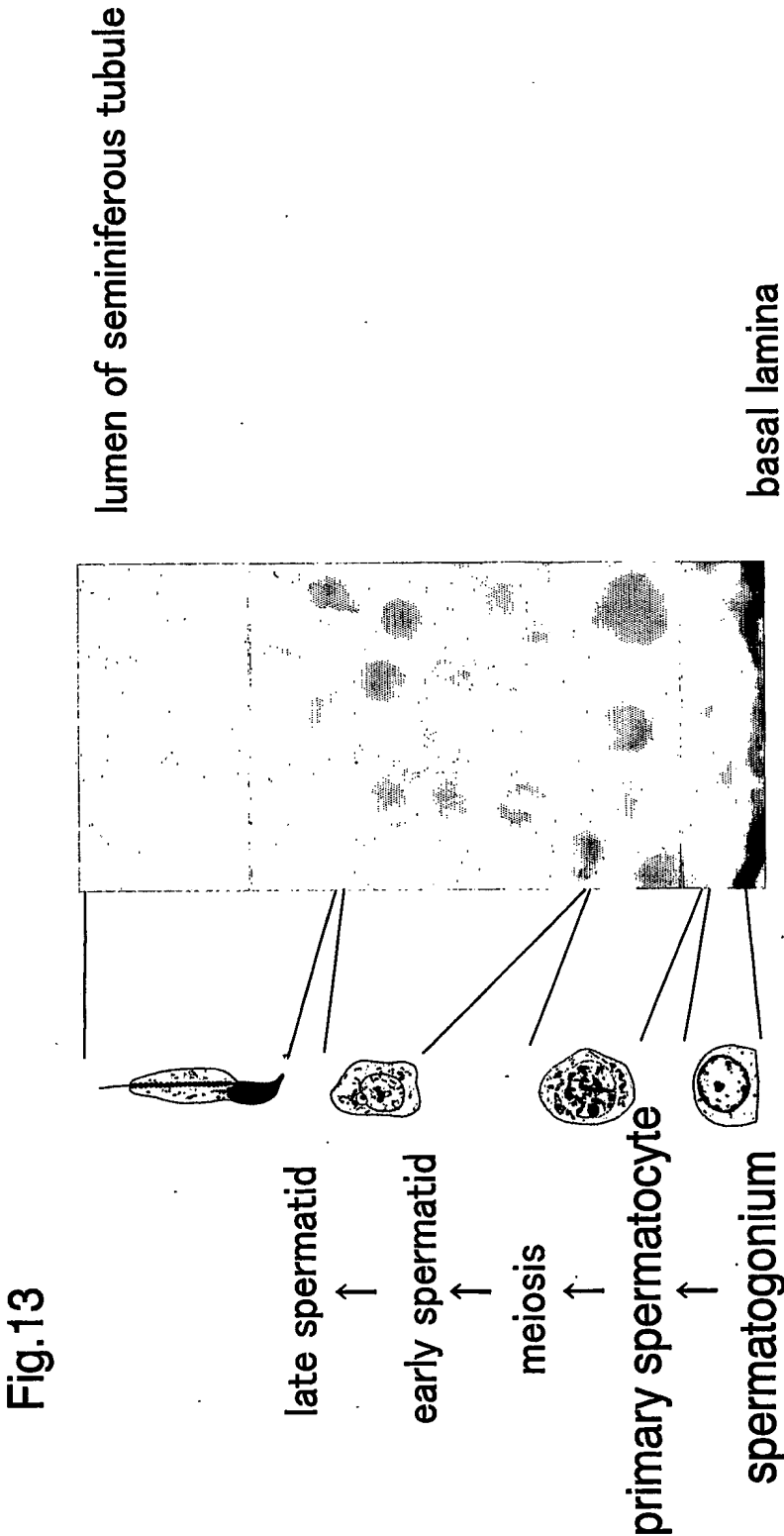


Fig.14

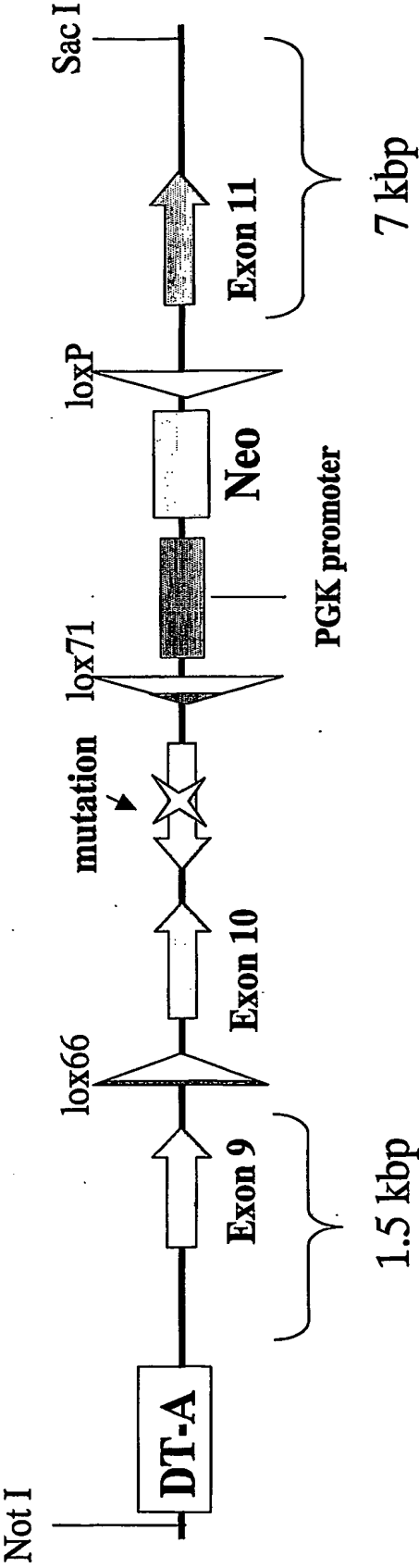


Fig. 15

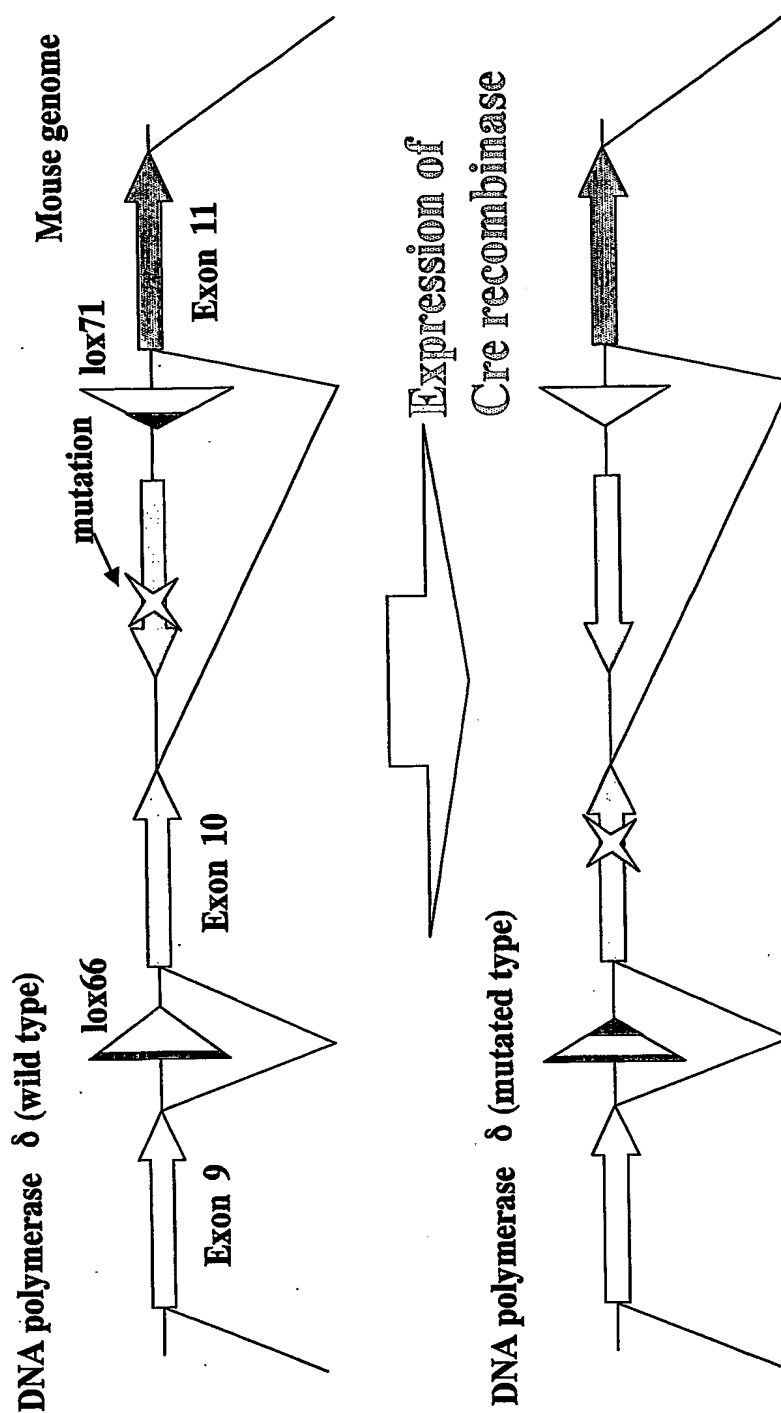


Fig.16

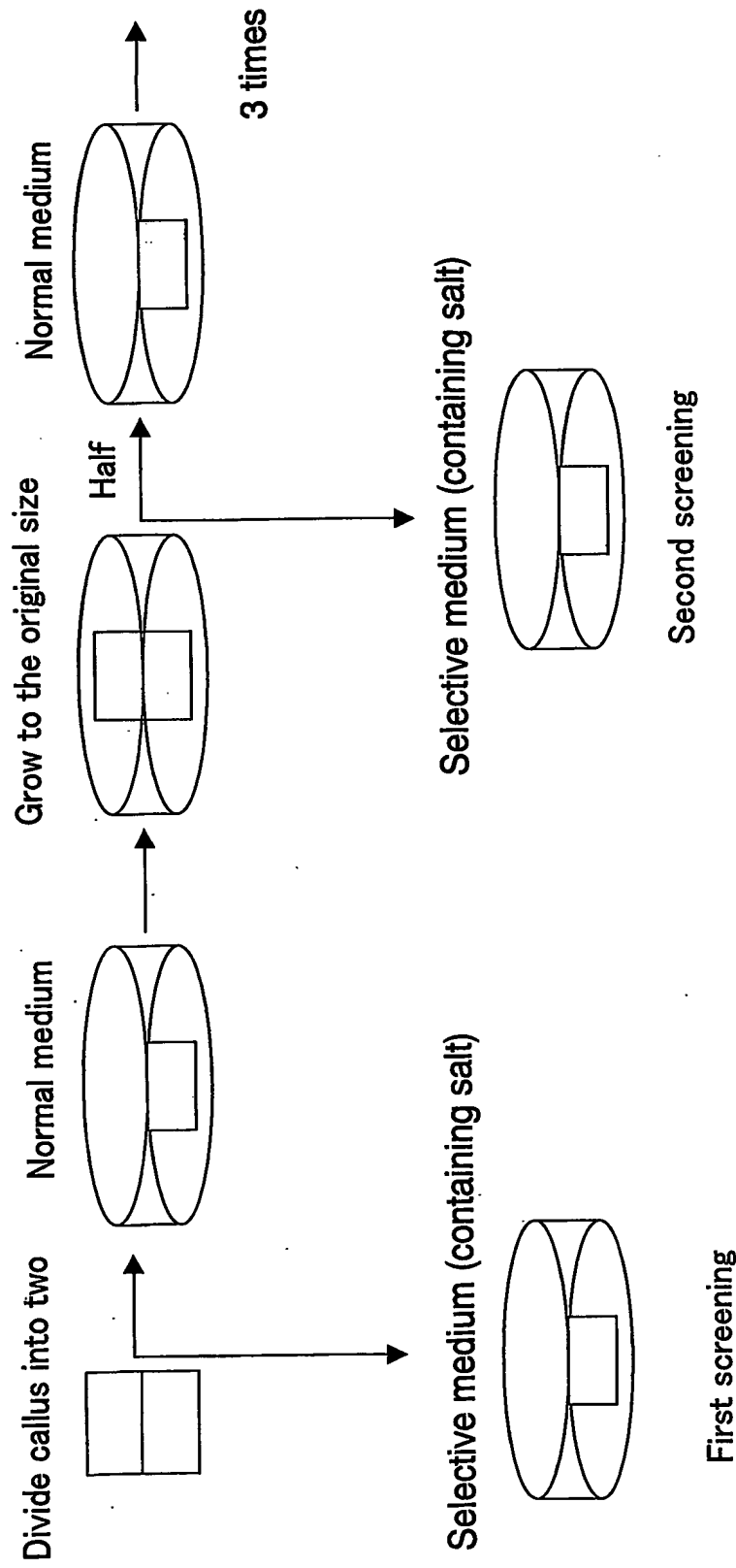
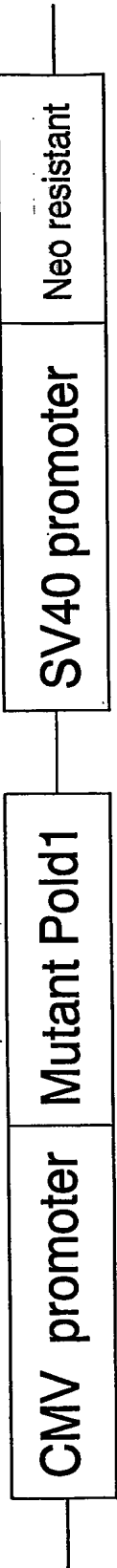
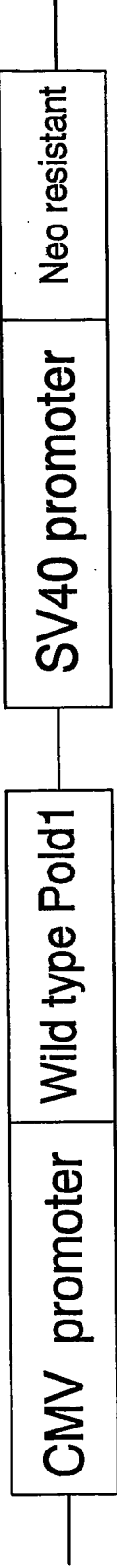


Fig.17

Overexpression of mutant Pold1



Control using wild type Pold1



Control using EGFP gene

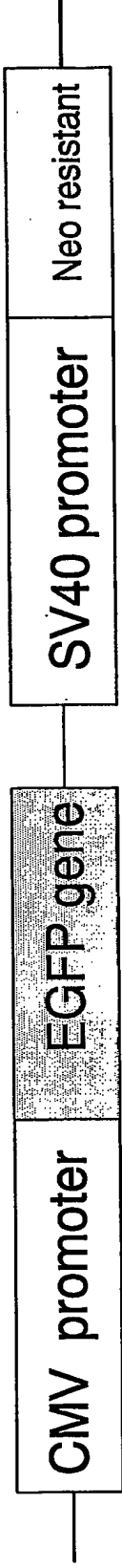


Fig.18

